

PROPOSED LED SIGNALS

1,2,3,4,6,8
(R)
(Y)
(G)
12"

PROPOSED LED SIGNAL MODULE UPGRADE

5,7,9,10
(R)
(Y)
(G)
12"

EXISTING SIGNS TO REMAIN

11,12
Deer Park Road
D-3(1)
(16" x VAR.)
(DUAL FACED)

13,14
Gamber Road
D-3(1)
(16" x VAR.)
(DUAL FACED)

PROPOSED SIGNS

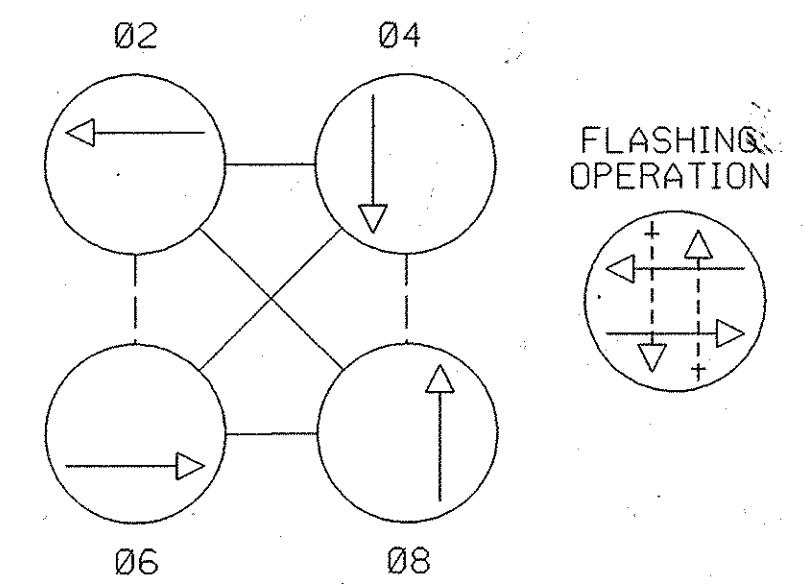
15
NORTH
MD 91
SHIELD ASSEMBLY
(36" X 75")

16
NORTH
MD 91
SHIELD ASSEMBLY
(24" X 51")

17
SOUTH
MD 91
SHIELD ASSEMBLY
(36" X 75")

18
SOUTH
MD 91
SHIELD ASSEMBLY
(24" X 51")

NEMA PHASING



NOTE:
PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

ONE HANDHOLE IS
LOCATED IN THIS
AREA

MD 91 (GAMBER ROAD)

TO MD 32

RIGHT OF WAY

MD 91 (GAMBER ROAD)

TO MD 140

CONSTRUCTION DETAILS

- USE EXISTING CONDUIT
- USE EXISTING HANDHOLE
- USE EXISTING BASE MOUNTED CABINET AND CONTROLLER
- REMOVE AND DISPOSE OF EXISTING VEHICULAR TRAFFIC SIGNAL HEAD
- INSTALL NEW LED VEHICULAR TRAFFIC SIGNAL HEADS
- INSTALL LED SIGNAL HEAD MODULES
- INSTALL GROUND MOUNTED SIGNS (NO. 15 & 16) ON TWO 4 IN. X 6 IN. WOOD SIGN SUPPORTS
- INSTALL GROUND MOUNTED SIGNS (NO. 17 & 18) ON TWO 4 IN. X 6 IN. WOOD SIGN SUPPORTS
- INSTALL VIDEO DETECTION CAMERA WITH CABLE
- ABANDON EXISTING LOOP DETECTOR
- INSTALL 2 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED FOR PROPOSED UNDERGROUND TELEPHONE SERVICE. THE CONTRACTOR SHALL CAP, MARK AND LEAVE A ONE FOOT STUB WITH PULL STRING AT BASE OF UTILITY POLE FOR USE BY OTHERS.

GENERAL NOTES

- MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING THE MDSA STANDARD PLATES FOR TRAFFIC CONTROL.
- THE CONTRACTOR SHALL DISPOSE OF ALL VEHICULAR TRAFFIC SIGNAL HEADS THAT ARE TO BE REPLACED AS SHOWN ON THIS PLAN.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ROUTING AND PROPERLY LABELING ALL SIGNAL CABLES. THE SHA SIGNAL SHOP WILL BE RESPONSIBLE FOR ALL INTERNAL CABINET WIRING.
- THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED TRAFFIC SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
- THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ABANDONED WIRING.
- VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.

UTILITY LEGEND

SD STORM DRAIN
G GAS MAIN
W WATER MAIN
S SEWER MAIN
E ELECTRIC CABLES
A AERIAL CABLES
T TELEPHONE CABLES
F FIBER-OPTIC

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TOD No.: AT782-31
SHA NO.: CL348A51/B51

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 91 (GAMBER ROAD) AND DEER PARK ROAD

APPROVALS
TEAM LEADER
ASSY. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

REVISIONS
UPGRADE SIGNAL HEADS TO 5/2006
LED ADD VIO. DET. SHA# AT7825185
UPGRADE I.C.B. TO FULL SIGNAL

TRAFFIC SIGNALIZATION PLAN

SCALE 1"=20' DATE 03/1990 CONTRACT NO. P-933-459-385
DESIGNED BY DCD COUNTY CARROLL
DRAWN BY DCD LOGMILE 06009101.46
CHECKED BY T.I.M.S. NO. H019
F.A.P. NO. TOD NO.
DRAWING NO. TS-2614 B OF SHEET NO. 1 OF 2

PLOTTED: TUESDAY, APRIL 04, 2006 AT 08:48 AM
FILE: I:\PROJECTS\0312513\0312513.001\DRAWINGS\TRA\PSG-P000.MD91.DGN